# STATEMENT OF WORK Wetland Restoration (657) Minnesota

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

### **DESIGN**

#### **Deliverables:**

- 1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
  - a. Impacts on adjacent properties and structures.
  - b. List of associated eFOTG conservation practices included in this project.
  - c. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A Engineering Activities Affecting Utilities 503.00 through 503.06).
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Compliance with Wetland Functional Assessment and Hydric Soils Determination
    - ii. Hydrology/Hydraulics
    - iii. Structural, including hazard class as appropriate
    - iv. Vegetation
- Adequate plan view, profiles, cross sections, details, and specifications to ensure that the project can be properly constructed.
- 3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
- 4. Operation and Maintenance Plan
- 5. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
- 6. Design modifications during installation as required.
- 7. Itemized engineer's cost estimate.

## **INSTALLATION**

## **Deliverables**

- 1. Documentation of pre-construction conference with client and contractor.
- 2. Verification that client has obtained required permits.
- 3. Staking and layout according to plans and specifications including applicable layout notes.
- 4. Installation inspection (according to inspection plan as appropriate).
  - a. Actual materials used.
  - b. Inspection records
- 5. Facilitate and implement required design and cost modifications with client, original designer, permitting and funding agencies.
- 6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
- 7. Certification that the installation process and materials meets design and permit requirements.

#### CHECK OUT

### **Deliverables**

- 1. As-Built documentation.
  - a. Extent of practice units applied
  - b. Drawings
  - c. Final quantities
- 2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A. 505.03(c)(1)).
- 3. Completion report (if applicable) for permit compliance.
- 4. Progress reporting.

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## **REFERENCES**

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard Wetland Restoration, 657.
- NRCS National Engineering Manual (NEM)
- NRCS Engineering Field Handbook (EFH), Part 210, Chapter 13, Wetland Restoration, Enhancement, or Creation
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS National Biology Manual
- NRCS National Biology Handbook
- National Food Security Act Manual

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